

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
19 August 2004 (19.08.2004)

PCT

(10) International Publication Number
WO 2004/070039 A2

(51) International Patent Classification⁷: **C12N 15/82**

(21) International Application Number:
PCT/EP2004/050081

(22) International Filing Date: 4 February 2004 (04.02.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03075331.3 4 February 2003 (04.02.2003) EP

(71) Applicant (for all designated States except US):
CROPDESIGN N.V. [BE/BE]; Technologiepark 3,
B-9052 Zwijnaarde (BE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HATZFELD,**
Yves [FR/FR]; 186 rue des Postes, F-59000 Lille (FR).
BROEKAERT, Willem [BE/BE]; Kluizenbosstraat 26,
B-1700 Dilbeek (BE).

(74) Common Representative: **CROPDESIGN N.V.**; Tech-
nologiepark 3, B-9052 Zwijnaarde (BE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: RICE PROMOTERS

(57) Abstract: The present invention provides several promoters isolated from *Oryza sativa*, which promoters are capable of driving and/or regulating the expression of a n operably linked nucleic acid in a plant. The expression patterns of the promoters according to the present invention have been studied in *Oryza sativa* and some of the promoters displayed specific activity in particular cells, tissues or organs of the plant, while others displayed constitutive expression throughout substantially the whole plant. Some promoters showed weak expression, while others were strongly active.